| Field Name | Field Description | Values | Values Descriptions | Field Type | Field Width | Field Precision |
|---|---|---|---|---|---|---|
| Crash_Key | Crash Key - SAVER Internal Unique Identifier | | 4 digit year + arbitrarily assigned unique number (e.g., 2001000025) | Numeric: Integer | 10 | 0 |
| CaseNumber | Case Number - Iowa DOT | | 4 digit year + number assigned by MVD (e.g., 2001002534) | Numeric: Integer | 10 | 0 |
| LECaseNum | Law Enforcement Case Number | | The case number as assigned by the law enforcement agency. | Character | 20 | 0 |
| Date | Date of Crash | | Crash date in YYYYMMDD format (e.g., 20010422) | Numeric: Integer | 8 | 0 |
| Month | Month | | | Numeric: Integer | 2 | 0 |
| | | 1 | January | | | |
| | | 2 | February | | | |
| | | 3 | March | | | |
| | | 4 | April | | | |
| | | 5 | May | | | |
| | | 6 | June | | | |
| | | 7 | July | | | |
| | | 8 | August | | | |
| | | 9 | September | | | |
| | | 10 | October | | | |
| | | 11 | November | | | |
| | | 12 | December | | | |
| Day | Day of Week | | | Numeric: Integer | 1 | 0 |
| | | 1 | Sunday | | | |
| | | 2 | Monday | | | |
| | | 3 | Tuesday | | | |
| | | 4 | Wednesday | | | |
| | | 5 | Thursday | | | |
| | | 6 | Friday | | | |
| | | 7 | Saturday | | | |
| TimeStr | Time of Crash in String Format | | Crash time in 24-hour format (HH:MM) (e.g., 12:30) | String | 5 | 0 |
| District | DOT District | | | Numeric: Integer | 1 | 0 |
| | | 1 | District 1 (Central) | | | |
| | | 2 | District 2 (Northeast) | | | |
| | | 3 | District 3 (Northwest) | | | |
| | | 4 | District 4 (Southwest) | | | |
| | | 5 | District 5 (Southeast) | | | |
| | | 6 | District 6 (East Central) | | | |
| County | County | | | Numeric: Integer | 2 | 0 |
| | | 1 | Adair | | | |
| | | 2 | Adams | | | |
| | | 3 | Allamakee | | | |
| | | 4 | Appanoose | | | |
| | | 5 | Audubon | | | |
| | | 6 | Benton | | | |
| | | 7 | Black Hawk | | | |
| | | 8 | Boone | | | |
| | | 9 | Bremer | | | |
| | | 10 | Buchanan | | | |
| | | 11 | Buena Vista | | | |
| | | 12 | Butler | | | |
| | | 13 | Calhoun | | | |
| | | 14 | Carroll | | | |
| | | 15 | Cass | | | |
| | | 16 | Cedar | | | |
| | | 17 | Cerro Gordo | | | |
| | | 18 | Cherokee | | | |
| | | 19 | Chickasaw | | | |
| | | 20 | Clarke | | | |
| | | 21 | Clay | | | |
| | | 22 | Clayton | | | |
| | | 23 | Clinton | | | |
| | | 24 | Crawford | | | |
| | | 25 | Dallas | | | |
| | | 26 | Davis | | | |
| | | 27 | Decatur | | | |
| | | 28 | Delaware | | | |
| | | 29 | Des Moines | | | |
| | | 30 | Dickinson | | | |
| | | 31 | Dubuque | | | |
| | | 32 | Emmet | | | |
| | | 33 | Fayette | | | |
| | | 34 | Floyd | | | |

| | | | | |
|---|---|---|---|---|
| 35 | Franklin | | |
| 36 | Fremont | | |
| 37 | Greene | | |
| 38 | Grundy | | |
| 39 | Guthrie | | |
| 40 | Hamilton | | |
| 41 | Hancock | | |
| 42 | Hardin | | |
| 43 | Harrison | | |
| 44 | Henry | | |
| 45 | Howard | | |
| 46 | Humboldt | | |
| 47 | Ida | | |
| 48 | Iowa | | |
| 49 | Jackson | | |
| 50 | Jasper | | |
| 51 | Jefferson | | |
| 52 | Johnson | | |
| 53 | Jones | | |
| 54 | Keokuk | | |
| 55 | Kossuth | | |
| 56 | Lee | | |
| 57 | Linn | | |
| 58 | Louisa | | |
| 59 | Lucas | | |
| 60 | Lyon | | |
| 61 | Madison | | |
| 62 | Mahaska | | |
| 63 | Marion | | |
| 64 | Marshall | | |
| 65 | Mills | | |
| 66 | Mitchell | | |
| 67 | Monona | | |
| 68 | Monroe | | |
| 69 | Montgomery | | |
| 70 | Muscatine | | |
| 71 | O'Brien | | |
| 72 | Osceola | | |
| 73 | Page | | |
| 74 | Palo Alto | | |
| 75 | Plymouth | | |
| 76 | Pocahontas | | |
| 77 | Polk | | |
| 78 | Pottawattamie | | |
| 79 | Poweshiek | | |
| 80 | Ringgold | | |
| 81 | Sac | | |
| 82 | Scott | | |
| 83 | Shelby | | |
| 84 | Sioux | | |
| 85 | Story | | |
| 86 | Tama | | |
| 87 | Taylor | | |
| 88 | Union | | |
| 89 | Van Buren | | |
| 90 | Wapello | | |
| 91 | Warren | | |
| 92 | Washington | | |
| 93 | Wayne | | |
| 94 | Webster | | |
| 95 | Winnebago | | |
| 96 | Winneshiek | | |
| 97 | Woodbury | | |
| 98 | Worth | | |
| 99 | Wright | | |

| CityName | City Name | | Text city name. | Character | 25 | 0 |
|---|---|---|---|---|---|---|
| SystemStr | Route in String Format with System | | Route with system indication in string format.  (derived) | Character | 8 | 0 |
| Literal | Derived Literal Description | | Literal Description as derived from MSLinks associated with crash. | Character | 254 | 0 |
| FirstHarm | First Harmful Event | | | Numeric: Integer | 2 | 0 |
| | | 11 | Non-collision events:  Overturn/rollover | | | |
| | | 12 | Non-collision events:  Jackknife | | | |
| | | 13 | Non-collision events:  Other non-collision (explain in narrative) | | | |
| | | 20 | Collision with:  Non-motorist (see non-motorist type) | | | |
| | | 21 | Collision with:  Vehicle in traffic | | | |
| | | 22 | Collision with:  Vehicle in/from other roadway | | | |
| | | 23 | Collision with:  Parked motor vehicle | | | |
| | | 24 | Collision with:  Railway vehicle/train | | | |
| | | 25 | Collision with:  Animal | | | |
| | | 26 | Collision with:  Other non-fixed object (explain in narrative) | | | |
| | | 30 | Collision with fixed object:  Bridge/bridge rail/overpass | | | |
| | | 31 | Collision with fixed object:  Underpass/structure support | | | |
| | | 32 | Collision with fixed object:  Culvert | | | |
| | | 33 | Collision with fixed object:  Ditch/embankment | | | |
| | | 34 | Collision with fixed object:  Curb/island/raised median | | | |
| | | 35 | Collision with fixed object:  Guardrail | | | |
| | | 36 | Collision with fixed object:  Concrete barrier (median or right side) | | | |
| | | 37 | Collision with fixed object:  Tree | | | |
| | | 38 | Collision with fixed object:  Poles (utility, light, etc.) | | | |
| | | 39 | Collision with fixed object:  Sign post | | | |
| | | 40 | Collision with fixed object:  Mailbox | | | |
| | | 41 | Collision with fixed object:  Impact attenuator | | | |
| | | 42 | Collision with fixed object:  Other fixed object (explain in narrative) | | | |
| | | 50 | Miscellaneous events:  Fire/explosion | | | |
| | | 51 | Miscellaneous events:  Immersion | | | |
| | | 52 | Miscellaneous events:  Hit and run | | | |
| | | 77 | Not Reported | | | |
| | | 99 | Unknown | | | |
| LocFstHarm | Location of First Harmful Event | | | Numeric: Integer | 2 | 0 |
| | | 1 | On Roadway | | | |
| | | 2 | Shoulder | | | |
| | | 3 | Median | | | |
| | | 4 | Roadside | | | |
| | | 5 | Gore | | | |
| | | 6 | Outside trafficway | | | |
| | | 9 | Unknown | | | |
| | | 77 | Not reported. | | | |
| CrCoManner | Manner of Crash/Collision | | | Numeric: Integer | 2 | 0 |
| | | 1 | Non-collision | | | |
| | | 2 | Head-on | | | |
| | | 3 | Rear-end | | | |
| | | 4 | Angle, oncoming left turn | | | |
| | | 5 | Broadside | | | |
| | | 6 | Sideswipe, same direction | | | |
| | | 7 | Sideswipe, opposite direction | | | |
| | | 9 | Unknown | | | |
| | | 77 | Not Reported | | | |

| MajorCause | Major Cause | | Derived. | Numeric: Integer | 2 | 0 |
|---|---|---|---|---|---|---|
| | | 1 | Animal | | | |
| | | 2 | Ran Traffic Signal | | | |
| | | 3 | Ran Stop Sign | | | |
| | | 4 | Crossed centerline | | | |
| | | 5 | FTYROW: At uncontrolled intersection | | | |
| | | 6 | FTYROW: Making right turn on red signal | | | |
| | | 7 | FTYROW: From stop sign | | | |
| | | 8 | FTYROW: From yield sign | | | |
| | | 9 | FTYROW: Making left turn | | | |
| | | 10 | FTYROW: From driveway | | | |
| | | 11 | FTYROW: From parked position | | | |
| | | 12 | FTYROW: To pedestrian | | | |
| | | 13 | FTYROW: Other (explain in narrative) | | | |
| | | 14 | Traveling wrong way or on wrong side of road | | | |
| | | 15 | Driving too fast for conditions | | | |
| | | 16 | Exceeded authorized speed | | | |
| | | 17 | Made improper turn | | | |
| | | 18 | Improper Lane Change | | | |
| | | 19 | Followed too close | | | |
| | | 20 | Disregarded RR Signal | | | |
| | | 21 | Disregarded Warning Sign | | | |
| | | 22 | Operating vehicle in an erratic/reckless/careless/negligent/aggressive manner | | | |
| | | 23 | Improper Backing | | | |
| | | 24 | Illegally Parked/Unattended | | | |
| | | 25 | Swerving/Evasive Action | | | |
| | | 26 | Over correcting/over steering | | | |
| | | 27 | Downhill runaway | | | |
| | | 28 | Equipment failure | | | |
| | | 29 | Separation of units | | | |
| | | 30 | Ran off road - right | | | |
| | | 31 | Ran off road - straight | | | |
| | | 32 | Ran off road - left | | | |
| | | 33 | Lost Control | | | |
| | | 34 | Inattentive/distracted by: Passenger | | | |
| | | 35 | Inattentive/distracted by: Use of phone or other device | | | |
| | | 36 | Inattentive/distracted by: Fallen object | | | |
| | | 37 | Inattentive/distracted by: Fatigued/asleep | | | |
| | | 38 | Other (explain in narrative): Vision obstructed | | | |
| | | 39 | Oversized Load/Vehicle | | | |
| | | 40 | Cargo/equipment loss or shift | | | |
| | | 41 | Other (explain in narrative): Other improper action | | | |
| | | 42 | Unknown | | | |
| | | 43 | Other (explain in narrative): No improper action | | | |
| | | 77 | Not Reported | | | |
| DrugAlcRel | Drug or Alcohol Related | | Derived from Alcohol results, Drug results, and driver conditions. | Numeric: Integer | 1 | 0 |
| | | 1 | Drug | | | |
| | | 2 | Alcohol (< Statutory) | | | |
| | | 3 | Alcohol (Statutory) | | | |
| | | 4 | Drug/Alcohol (< Statutory) | | | |
| | | 5 | Drug/Alcohol (Statutory) | | | |
| | | 6 | Refused | | | |
| | | 7 | Under Influence of Alcohol/Drugs/Medications | | | |
| | | 8 | None Indicated | | | |
| EContCirc | Contributing Circumstances - Environment | | | Numeric: Integer | 2 | 0 |
| | | 1 | None apparent | | | |
| | | 2 | Weather conditions | | | |
| | | 3 | Physical obstruction | | | |
| | | 4 | Pedestrian action | | | |
| | | 5 | Glare | | | |
| | | 6 | Animal in roadway | | | |
| | | 7 | Previous accident | | | |
| | | 8 | Other (explain in narrative) | | | |
| | | 9 | Unknown | | | |
| | | 77 | Not Reported | | | |

| | | | | Numeric: Integer | 2 | 0 |
|---|---|---|---|---|---|---|
| Light | Light Conditions | | | | | |
| | | 1 | Daylight | | | |
| | | 2 | Dusk | | | |
| | | 3 | Dawn | | | |
| | | 4 | Dark - roadway lighted | | | |
| | | 5 | Dark - roadway not lighted | | | |
| | | 6 | Dark - unknown roadway lighting | | | |
| | | 9 | Unknown | | | |
| | | 77 | Not Reported | | | |
| Lighting | Derived Light Conditions | | Daylight, dawn, dusk, and darkness conditions derived from crash data and NOAA indications of sunrise and sunset. | Numeric: Integer | 1 | 0 |
| | | 1 | Daylight | | | |
| | | 2 | Darkness | | | |
| | | 3 | Morning Twilight (dawn) (civil twilight - 30 minutes after sunrise) | | | |
| | | 4 | Evening Twilight (dusk) (civil twilight - 30 minutes before sunset) | | | |
| | | 9 | Unknown | | | |
| CSurfCond | Surface Conditions | | Crashwide surface conditions. | Numeric: Integer | 2 | 0 |
| | | 1 | Dry | | | |
| | | 2 | Wet | | | |
| | | 3 | Ice | | | |
| | | 4 | Snow | | | |
| | | 5 | Slush | | | |
| | | 6 | Sand/mud/dirt/oil/gravel | | | |
| | | 7 | Water (standing/moving) | | | |
| | | 8 | Other (explain in narrative) | | | |
| | | 9 | Unknown | | | |
| | | 77 | Not Reported | | | |
| Weather1 | Weather Conditions 1 | | | Numeric: Integer | 2 | 0 |
| | | 1 | Clear | | | |
| | | 2 | Partly cloudy | | | |
| | | 3 | Cloudy | | | |
| | | 4 | Fog/smoke | | | |
| | | 5 | Mist | | | |
| | | 6 | Rain | | | |
| | | 7 | Sleet/hail/freezing rain | | | |
| | | 8 | Snow | | | |
| | | 9 | Severe winds | | | |
| | | 10 | Blowing sand/soil/dirt/snow | | | |
| | | 77 | Not Reported | | | |
| | | 88 | Other (explain in narrative) | | | |
| | | 99 | Unknown | | | |
| RContCirc | Contributing Circumstances - Roadway | | | Numeric: Integer | 2 | 0 |
| | | 1 | None apparent | | | |
| | | 2 | Road surface condition | | | |
| | | 3 | Debris | | | |
| | | 4 | Ruts/holes/bumps | | | |
| | | 5 | Work Zone (construction/maintenance/utility) | | | |
| | | 6 | Worn/travel-polished surface | | | |
| | | 7 | Obstruction in roadway | | | |
| | | 8 | Traffic control device inoperative/missing/obscured | | | |
| | | 9 | Shoulders (none/low/soft/high) | | | |
| | | 10 | Non-highway work | | | |
| | | 11 | Non-contact vehicle | | | |
| | | 77 | Not reported. | | | |
| | | 99 | Unknown | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| RoadType | Type of Roadway Junction/Feature | | | | Numeric: Integer | 2 | 0 |
| | | 1 | Non-intersection: No special feature | | | |
| | | 2 | Non-intersection: Bridge/overpass/underpass | | | |
| | | 3 | Non-intersection: Railroad crossing | | | |
| | | 4 | Non-intersection: Business drive | | | |
| | | 5 | Non-intersection: Farm/residential drive | | | |
| | | 6 | Non-intersection: Alley intersection | | | |
| | | 7 | Non-intersection: Crossover in median | | | |
| | | 8 | Non-intersection: Other non-intersection (explain in narrative) | | | |
| | | 11 | Intersection: Four-way intersection | | | |
| | | 12 | Intersection: T - intersection | | | |
| | | 13 | Intersection: Y - intersection | | | |
| | | 14 | Intersection: Five-leg or more | | | |
| | | 15 | Intersection: Offset four-way intersection | | | |
| | | 16 | Intersection: Intersection with ramp | | | |
| | | 17 | Intersection: On-ramp merge area | | | |
| | | 18 | Intersection: Off-ramp diverge area | | | |
| | | 19 | Intersection: On-ramp | | | |
| | | 20 | Intersection: Off-ramp | | | |
| | | 21 | Intersection: With bike/pedestrian path | | | |
| | | 22 | Intersection: Other intersection (explain in narrative) | | | |
| | | 77 | Not reported. | | | |
| | | 99 | Unknown | | | |
| Paved | Paved or not | | Indicates whether crash occurred on a paved road or not. (derived) | Numeric: Integer | 1 | 0 |
| | | 1 | Paved | | | |
| | | 2 | Unpaved | | | |
| WZ_Related | Workzone Related? | | | Character | 1 | 0 |
| | | 1 | Yes | | | |
| | | 2 | No | | | |
| CSeverity | Crash Severity | | | Numeric: Integer | 1 | 0 |
| | | 1 | Fatal | | | |
| | | 2 | Major Injury | | | |
| | | 3 | Minor Injury | | | |
| | | 4 | Possible/Unknown | | | |
| | | 5 | Property Damage Only | | | |
| Fatalities | Number of Fatalities | | Crashwide total of all fatalities. | Numeric: Integer | 3 | 0 |
| Injuries | Number of Injuries | | Crashwide total of all injuries, excluding fatalities. | Numeric: Integer | 3 | 0 |
| MajInjury | Number of Major Injuries | | Crashwide total of all major injuries. | Numeric: Integer | 3 | 0 |
| MinInjury | Number of Minor Injuries | | Crashwide total of all minor injuries. | Numeric: Integer | 3 | 0 |
| PossInjury | Number of Possible Injuries | | Crashwide total of all possible injuries. | Numeric: Integer | 3 | 0 |
| UnkInjury | Number of Unknown Injuries | | Crashwide total of all unknown injuries. | Numeric: Integer | 3 | 0 |
| PropDmg | Amount of Property Damage | | Crashwide total of property damage, including non-vehicular. | Numeric: Integer | 9 | 0 |
| Vehicles | Number of Vehicles | | Number of vehicles involved in the crash. | Numeric: Integer | 2 | 0 |
| TOccupants | Total Number of Occupants | | Crashwide total of occupants in all vehicles. | Numeric: Integer | 3 | 0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Xcoord | X-Coordinate (UTM NAD 83 Zone 15) | | Easting value for crash location in UTM NAD 83 Zone 15 | Numeric: Decimal | 11 | 4 |
| YCoord | Y-Coordinate (UTM NAD 83 Zone 15) | | Northing value for crash location in UTM NAD 83 Zone 15 | Numeric: Decimal | 12 | 4 |
| ReportType | Report Type | | Indicates the type of report insomuch as who sent it in. | Numeric: Integer | 1 | 0 |
| | | 1 | 1977 Officer | | | |
| | | 2 | 1977 Driver | | | |
| | | 3 | Pre-1977 Driver | | | |
| | | 4 | 1979 Officer | | | |
| | | 5 | 1979 Driver | | | |
| | | 6 | 2001 Driver | | | |
| | | 7 | 2001 TraCS | | | |
| | | 8 | 2001 Officer | | | |